

CLAIMS

1. A device control processing apparatus comprising:

a storage unit that stores a content-device-

5 correspondence table storing correspondence data between
content identification information and content-providing
devices;

an input unit that inputs content identification
information; and

10 data processing means for specifying a controlled
device from the content-device-correspondence table based on
the content identification information input from the input
unit and for generating and outputting control information
corresponding to the specified controlled device.

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2. The device control processing apparatus according to
Claim 1, wherein the device control processing apparatus is
connected to a remote controller for remotely operating the
controlled device, and the data processing means is

20 configured to output remote-controller control data to the
remote controller.

3. The device control processing apparatus according to
Claim 1, wherein the content-device-correspondence table is

25 configured to store content-providing device information

corresponding to content and channel information or content storage location information indicating content location, and

the data processing means is configured to acquire a
5 controlled device and channel information or content storage location information indicating content location from the content-device-correspondence table based on the content identification information input from the input unit, and is configured to generate and output control information
10 necessary for providing the content corresponding to the acquired channel information or content storage location information.

4. A display processing apparatus for performing a
15 content information displaying process, the display processing apparatus comprising:

display data generating means for performing a process for configuring content cards recording content information according to the number of content items, displaying a card
20 group including a plurality of content cards corresponding to the number of content items as a card group that indicates only the presence of content with the content information being hidden, and

displaying a content item selected by a user-operable
25 selection indicator in a portion adjacent to the card group

with the content information being displayed.

5. The display processing apparatus according to Claim 4,
wherein the display data generating means is configured to
5 perform a process for determining the manner in which each
of the content cards is displayed depending on the relative
position of the selection indicator in the card group.

6. The display processing apparatus according to Claim 4,
10 wherein the display data generating means is configured to
determine the manner in which each of the content cards is
displayed depending on the relative position of the
selection indicator in the card group, and

is configured to perform a display process in which a
15 content card at a position close to the selection indicator
is set to an angle at which the content information is
displayed and a content card at a position far from the
selection indicator is set to an angle at which the content
information is hidden.

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7. The display processing apparatus according to Claim 4,
wherein the display data generating means is configured to
perform a process for moving the content cards along a
parametric curve and displaying a content item selected by
25 the selection indicator at a position on the parametric

curve apart from the card group with the content information being displayed.

8. The display processing apparatus according to Claim 4,
5 wherein the display data generating means is configured to perform a process for classifying and displaying the content cards by genre.

9. The display processing apparatus according to Claim 4,
10 wherein each of the content cards is configured to record content-providing device and location information as code data.

10. The display processing apparatus according to Claim 9,
15 wherein the code data is a bar code.

11. The display processing apparatus according to Claim 9,
wherein the location information is URL (Uniform Resource Locators) serving as content location information suitable
20 for acquiring content.

12. A device control processing method comprising:
a content identification information inputting step of
inputting content identification information; and
25 a data processing step of determining a controlled

device from a content-device-correspondence table storing
correspondence data between content identification
information and content-providing devices based on the input
content identification information, and generating and
5 outputting control information corresponding to the
determined controlled device.

13. The device control processing method according to
Claim 12, wherein the data processing step generates and
10 outputs remote-controller control data.

14. The device control processing method according to
Claim 12, wherein the content-device-correspondence table is
configured to store content-providing device information
15 corresponding to content and channel information or content
storage location information indicating content location,
and

the data processing step acquires a controlled device
and channel information or content storage location
20 information indicating content location from the content-
device-correspondence table based on the content
identification information input from the input unit, and
generates and outputs control information necessary for
providing the content corresponding to the acquired channel
25 information or content storage location information.

15. A display processing method for performing a content information displaying process, the display processing method comprising:

5 a step of configuring content cards recording content information according to the number of content items and displaying a card group including a plurality of content cards corresponding to the number of content items as a card group that indicates only the presence of content with the
10 content information being hidden; and

 a step of displaying a content item selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being displayed.

15 16. The display processing method according to Claim 15, further comprising a step of performing a process for determining the manner in which each of the content cards is displayed depending on the relative position of the
20 selection indicator in the card group.

 17. The display processing method according to Claim 15, wherein the display processing method comprises a step of determining the manner in which each of the content cards is displayed depending on the relative position of the
25 selection indicator in the card group, and performs a

display process in which a content card at a position close to the selection indicator is set to an angle at which the content information is displayed and a content card at a position far from the selection indicator is set to an angle
5 at which the content information is hidden.

18. The display processing method according to Claim 15, wherein the display processing method performs a process for moving the content cards along a parametric curve and
10 displaying a content item selected by the selection indicator at a position on the parametric curve apart from the card group with the content information being displayed.

19. The display processing method according to Claim 15,
15 further comprising a step of performing a process for classifying and displaying the content cards by genre.

20. A computer program for performing a process for generating device control processing data, the computer
20 program comprising:

a content identification information inputting step of inputting content identification information; and

a data processing step of determining a controlled device from a content-device-correspondence table storing
25 correspondence data between content identification

information and content-providing devices based on the input content identification information, and generating and outputting control information corresponding to the determined controlled device.

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21. A computer program for performing a content information displaying process, the computer program comprising:

10 a step of configuring content cards recording content information according to the number of content items and displaying a card group including a plurality of content cards corresponding to the number of content items as a card group that indicates only the presence of content with the content information being hidden; and

15 a step of displaying a content item selected by a user-operable selection indicator in a portion adjacent to the card group with the content information being displayed.